

TOSHIBA

PORTÉGÉ® 3110CT

The Ultraportable that Defines
High Performance and Style



Take your business anywhere

The Portégé® 3110CT achieves the perfect balance of portability and performance for today's mobile executive. Thin and light enough to travel anywhere, the award winning Portégé with a sleek magnesium alloy casing and silver metallic lid inspires productivity on the move. An impressive Poly-silicon TFT display delivers crisp, vivid visuals with low power consumption. Hours of battery life, full connectivity and expansion options ensure freedom and power to take your business anywhere in the world.



Ultra-thin, Ultra-light	Performance	Flexible Expansion	Brilliant Display	Productivity
Under 1" thin & 3 lbs. light	Intel® Mobile Pentium® II processor, 300MHz, integrated 256KB L2 cache	Built-in 10/100 Ethernet & Network I/O Adapter	10.4" diagonal, Poly-silicon TFT active-matrix color display	3 hours battery life

PORTÉGÉ® 3110CT

Processor

- Intel Mobile Pentium II processor 300MHz (1.6V)
- Integrated co-processor
- 32KB internal Level 1 cache
- Integrated 256KB Level 2 cache
- Data/address bus width: 64-bit/32-bit
- 66MHz front side bus

System Architecture

- PCI Bus V2.1

Hard Disk

- 6.4 billion byte
- Ultra DMA 33, 2.5"
- 8.45 mm height
- 12ms average access time

Memory

- 64Mbit Synchronous DRAM, 3.3V, 60ns
- 64MB standard, expandable to 128MB
- One (1) internal memory expansion slot available

BIOS

APM V1.0, ACPI V1.0, PnP V1.0a, VESA V2.0, DPMS, DDC2B, DMI 2.0, PCI BIOS

Display

- 10.4" diagonal
- Poly-silicon TFT active-matrix color display
- 800 x 600 resolution

Video

- Trident Cyber9525
- 64-bit graphics accelerator
- 32-bit PCI local bus support
- BitBLT hardware
- Integrated 2.5MB video memory

Video Ports

- SVGA via Network I/O Adapter or Mini I/O Adapter

External Color Support

- 16M colors: 800 x 600, 640 x 480 @ 85Hz non-interlaced external mode; 800 x 600 @ 60Hz simultaneous mode
- 64K colors: 1024 x 768, 800 x 600, 640 x 480 @ 85Hz non-interlaced external mode; 800 x 600 @ 60Hz simultaneous mode
- 256 colors: 1024 x 768, 800 x 600, 640 x 480 @ 85Hz non-interlaced external mode; 1280 x 1024 @ 60Hz non-interlaced external mode; 800 x 600 @ 60Hz simultaneous mode

Diskette Drive

- Standard external 3.5", 1.44MB, connects via integrated diskette drive connector

CD-ROM

- Optional external PORT PC Card CD-ROM

Audio

- ESS ES1978
- 16-bit stereo, .WAV & Sound Blaster® Pro compatible, MIDI playback
- Built-in speaker, microphone (monaural)
- 64-channel wavetable music synthesis
- Line-out port (on Network I/O Adapter)
- Headphone and microphone ports
- Manual volume control

Expansion

- One (1) PC Card slot supports one (1) Type II PC Card
- 32-bit CardBus ready
- Integrated external diskette drive connector
- Fast infrared port (4Mbps, IrDA V1.1 compliant)
- Universal Serial Bus (USB) port
- Universal Serial Bus (USB) port**
- PS/2™ mouse/keyboard port (Y-connector supported)**
- ECP parallel port**
- High speed serial port (16550 UART compatible)**
- RJ-45 port**
- SVGA video port**
- Network I/O Adapter module port
- **via standard Network I/O Adapter module

Communications

- Integrated V.90/K56flex modem
- Digital line protection
- RJ-11 port

Battery

- Rechargeable, removable high-capacity Lithium Ion battery (10.8 V, 2,600mAh)
- 3.0 hours battery life
- 6 hours recharge time (unit off), 12 hours (unit on) ACPI V1.0

Battery life may vary depending on applications, power management settings and features utilized. Recharge time varies depending on usage. Battery does not charge while computer is consuming full power.

Power Supply

- 30W autosensing external AC adapter
- 100 - 240V input voltage
- 50 - 60Hz frequency
- 3.9" (l) x 1" (h) x 2.04" (w)
- .46 lbs.

Keyboard

- 84 keys with 12 function keys
- 2mm travel
- Dedicated Windows® keys

Keyboard (continued)

- Integrated AccuPoint® pointing device

Dimensions (l x w x h)

- 10.1" x 8.6" x 0.8"
- Thickness varies at certain points on the system.

Weight

- 3.1 lbs.

Security

- Power-on password (2-level password support)
- HDD access password
- SecureSleep™ (screen blank)
- Cable lock slot

System Management

- DMI 2.0 BIOS support with asset tag capability
- Wired for Management V1.1a enabled, support for Wake-On-LAN™ and Remote Service Boot, ACPI power management, DMI 2.0 BIOS
- Intel LANDesk® Client Manager 3.3
- SMS Connect for DMI BIOS integration
- Toshiba Configuration Builder CD - customized software image tool to reduce image creation time
- Year 2000 compliance: NSTL hardware tested

Environmental Specifications

- Temperature: Operating: 5° to 35° C (41° to 95° F) Non-operating: -20° to 65° C (-4° to 149° F) Thermal gradient: 15° C per hour max.
- Relative Humidity: Operating: 20% to 80% non-condensing Non-operating: 10% to 90% non-condensing
- Altitude (relative to sea level): Operating: -60m to 3,000m (-197' to 9,842') Non-operating: -60m to 10,000m (-197' to 32,808')
- Shock: Operating: 10G (11ms) Non-operating: 60G (66ms)
- Vibration: Operating: 0.5G Non-operating: 1G

Software

- Microsoft® Windows 95, Windows 98 or Windows NT Workstation 4.0
- AT&T WorldNet™ Services*
- Customizable Toshiba / My Yahoo!® start page*
- Norton® AntiVirus™ Scan and Repair
- RingCentral™

Software (continued)

- Portégé 3110CT online documentation
- * Windows 98 only

Some software may differ from its retail version (if available) and may not include user manuals or all program functionality.

Warranty

- 1 year parts, labor and battery

Part Number

- PAP311U-T2W8 Portégé 3110CT (Microsoft Windows 98 Pre-install with Dual Linked Windows 98/95 Configuration Builder CD)
- PAP311U-T2N4 Portégé 3110CT (Windows NT 4.0)

Accessories

- KTT3110-32 32MB SDRAM memory upgrade module
- KTT3110-64 64MB SDRAM memory upgrade module
- PA2501U Universal AC adapter
- PA2467UR High capacity battery pack (primary Lithium Ion)
- NW24XCD PORT-Noteworthy® PC Card CD-ROM
- PA2735U Mini I/O Adapter
- PA2734U Port Expander with Ethernet
- PA2466UR Standard battery
- PA2669U External floppy disk drive

Services and Support

Standard Warranty

Coverage begins the date you purchase a Toshiba portable computer. The exact length of coverage varies according to the product purchased.

The Standard Warranty includes:

- Toshiba InTouch™ Center: domestic or international service, 24hrs., 7days/wk
- Notebook Depot Select Service: pickup, repair & return under standard 32hr. cycle
- Online Support: via web site www.toshiba.com
- Authorized Service Partner Network (ASP): Toshiba's worldwide ASP network dedicated to customer satisfaction

SelectServ™ Warranty Extensions & Upgrades Programs

A warranty extension adds 2 years of coverage to a product with a 1 year standard warranty while an upgrade raises the level of service.

SelectServ programs include:

- On-Call Network: on-site service repair
- ScreenGuard: replaces up to 2 accidentally broken or cracked screens per year
- Notebook Depot Express: 8-hour repair cycle (domestic only)

